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1-1 研究与试验发展(R&D)人员(2022年)
R&D Personnel (2022)

单位：人 (person)

项目	Item	R&D人员 Total	#女性 Female	#全时人员 Full-time Personnel
全国	**National Total**	**9401258**	**2446974**	**6198656**
按执行部门分	**by Performer**			
企业	Enterprises	7122874	1603726	5008501
#规上工业企业	Industrial Enterprises above Designated Size	5988158	1337605	4190117
研究与开发机构	R&D Institutions	559094	186029	436899
高等学校	Higher Education	1518988	588725	648391
其他	Others	200302	68494	104865
按地区分	**by Region**			
东部地区	Eastern Region	5900850	1519406	4053106
中部地区	Middle Region	1814709	448279	1158346
西部地区	Western Region	1313746	362321	758988
东北地区	Northeast Region	371953	116968	228213
北京	Beijing	546747	171280	381965
天津	Tianjin	160846	44451	99910
河北	Hebei	257806	72410	155837
山西	Shanxi	108766	26802	59801
内蒙古	Inner Mongolia	71542	18399	31962
辽宁	Liaoning	195257	56125	121248
吉林	Jilin	88165	33412	51077
黑龙江	Heilongjiang	88531	27431	55888
上海	Shanghai	376260	108707	280433
江苏	Jiangsu	1171319	287629	798781
浙江	Zhejiang	867013	212346	553444
安徽	Anhui	375002	85947	233056
福建	Fujian	376899	104184	270867
江西	Jiangxi	194515	50508	127428
山东	Shandong	778196	204519	520704
河南	Henan	374295	98071	236855
湖北	Hubei	390260	95680	253800
湖南	Hunan	371871	91271	247406
广东	Guangdong	1339797	304391	975883
广西	Guangxi	134851	43344	67429
海南	Hainan	25967	9489	15282
重庆	Chongqing	203515	53286	130703
四川	Sichuan	355401	93685	228298
贵州	Guizhou	85472	23256	40277
云南	Yunnan	104723	32590	51607
西藏	Tibet	4107	1432	1685
陕西	Shaanxi	213122	56063	141654
甘肃	Gansu	56650	16384	29610
青海	Qinghai	9788	2897	4421
宁夏	Ningxia	30933	8291	13385
新疆	Xinjiang	43641	12694	17957